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File: DWPI

Oct 3, 1990

DERWENT-ACC-NO: 1990-299559  
DERWENT-WEEK: 199040  
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TITLE: Mostly new subst. benzylidene-camphor-10-sulphonic acid derivs. - as  
antioxidants and UV absorbers in cosmetics and for treating inflammation and allergies

INVENTOR: DEFLANDRE, A; FORESTIER, S ; LAGRANGE, A ; LANG, G ; LUPPI, B

PATENT-ASSIGNEE:

ASSIGNEE	CODE
L'OREAL SA	OREA

PRIORITY-DATA: 1989FR-0004298 (March 31, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 390682 A	October 3, 1990		000	
AU 637359 B	May 27, 1993		000	C07C309/24
AU 9052435 A	October 4, 1990		000	
CA 2013556 A	September 30, 1990		000	
DE 69010047 E	July 28, 1994		000	C07C309/24
EP 390682 B1	June 22, 1994	F	019	C07C309/24
FR 2645148 A	October 5, 1990		000	
JP 02289542 A	November 29, 1990		000	

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI NL SE AT BE CH DE DK FR GB IT LI NL SE

CITED-DOCUMENTS:GB 2025957; GB 2121801 ; GB 2150436

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 390682A	March 28, 1990	1990EP-0400847	
AU 637359B	March 30, 1990	1990AU-0052435	
AU 637359B		AU 9052435	
DE69010047E	March 28, 1990	1990DE-0610047	
DE69010047E	March 28, 1990	1990EP-0400847	
DE69010047E		EP 390682	Based on
EP 390682B1	March 28, 1990	1990EP-0400847	
FR 2645148A	March 31, 1989	1989FR-0004298	
JP02289542A	March 30, 1990	1990JP-0084767	

INT-CL (IPC): A61K 7/06; A61K 7/40; A61K 7/42; A61K 7/48; A61K 31/18; A61K 31/185; C07C 309/24

ABSTRACTED-PUB-NO: EP 390682A

BASIC-ABSTRACT:

Benzylidene-camphor sulphonic acid derivs. of formula (I) and their alkali and amine salts are new. In (I), R1 and R3 = H, OH or 1-8C alkyl or alkoxy, but not both H; R2

and R4 = H or OH, but not both H; with the proviso that excluded are cpds. with R3 = alkoxy when R1=R4=H and R2=OH.

Also new is use of (I), including the known cpds. excluded by the proviso, as cosmetics, antioxidants and pharmaceuticals.

USE/ADVANTAGE - (I) are useful (1) in cosmetics as antioxidants and UV (280-380nm) screening agents; (2) as antioxidants against peroxidn. of polyunsatd. lipids and heat- or light-induced oxidn. of proteins, sugars, pigments, vitamins, polymers, etc., and (3) as pharmaceuticals for treating inflammation and skin allergies. (I) are hydrophilic; have very good thermal and photochemical stabilities, are not toxic or irritating, and are tolerated perfectly by the skin.

ABSTRACTED-PUB-NO:

EP 390682B

EQUIVALENT-ABSTRACTS:

Benzylidene-camphor derivative, characterised in that it corresponds to the formula (I) in which R1 and R3, which may be identical or different, represent a hydrogen atom, a hydroxyl radical, a linear or branched C1-C8 alkyl radical or a linear or branched C1-C8 alkoxy radical, on the understanding that at least one of the radicals R1 and R3 represents a hydroxyl, alkyl or alkoxy radical; and R2 and R4, which may be identical or different represent a hydrogen atom or a hydroxyl radical, on the understanding that at least one of the symbols R2 and R4 represent a hydroxyl radical, with the proviso that, when R1 and R4 represent a hydrogen atom and R2 a hydroxyl radical, R3 does not represent an alkoxy radical as well as its alkali metal or amine salts.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: NEW SUBSTITUTE BENZYLIDENE CAMPHOR SULPHONIC ACID DERIVATIVE ANTIOXIDANT ULTRAVIOLET ABSORB COSMETIC TREAT INFLAMMATION ALLERGIC

DERWENT-CLASS: B05 D21 E14

CPI-CODES: B10-A09B; B12-A07; B12-D02; B12-D07; B12-L02; B12-L08; B12-M06; D08-B11; D09-E; E10-A09B6;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

G014 G015 G017 G018 G037 G038 G060 G111 G623 H4  
H401 H402 H403 H404 H441 H442 H443 H444 H541 H542  
H7 H720 H8 J5 J561 K0 K4 K431 M1 M123  
M132 M210 M211 M212 M213 M214 M215 M216 M220 M221  
M222 M231 M232 M233 M240 M272 M281 M282 M283 M311  
M321 M343 M414 M510 M520 M531 M541 M630 M710 M781  
M903 M904 P420 P431 P930 P943 Q252 Q254 Q262 Q263

Q624

Ring Index

00832

Markush Compounds

199040-10701-N 199040-10701-U

Registry Numbers

1327U 0502U

Chemical Indexing M3 \*01\*

Fragmentation Code

G014 G015 G017 G018 G037 G038 G060 G111 G623 H4  
H401 H402 H403 H404 H441 H442 H443 H444 H541 H542  
H7 H720 H8 J5 J561 K0 K4 K431 M1 M123  
M132 M210 M211 M212 M213 M214 M215 M216 M220 M221  
M222 M231 M232 M233 M240 M272 M281 M282 M283 M311  
M321 M343 M414 M510 M520 M531 M541 M630 M710 M781  
M903 M904 P420 P431 P930 P943 Q252 Q254 Q262 Q263

Q624

Ring Index

00832

Markush Compounds

199040-10701-N 199040-10701-U

Registry Numbers

1327U 0502U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-129374

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Apr 25, 2000

DERWENT-ACC-NO: 2000-259333  
DERWENT-WEEK: 200107  
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TITLE: Cosmetic anti-wrinkle preparation contains a mixed silicate which causes retraction of the isolated stratum corneum to tighten and to smooth the skin

INVENTOR: AUGOT, S; BAZIN, R ; DELAMBRE, P ; TOUZAN, P

PATENT-ASSIGNEE:

ASSIGNEE	CODE
L'OREAL SA	OREA

PRIORITY-DATA: 1998FR-0011689 (September 18, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2000022820 A	April 25, 2000		000	A61K007/48
<u>FR 2783419 A1</u>	March 24, 2000		015	A61K007/48
JP 2000095668 A	April 4, 2000		005	A61K007/48
EP 1008340 A2	June 14, 2000	F	000	A61K007/48
CN 1249927 A	April 12, 2000		000	A61K007/48
BR 9903796 A	September 26, 2000		000	A61K007/48

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2000022820A	August 31, 1999	1999KR-0036562	
FR 2783419A1	September 18, 1998	1998FR-0011689	
JP2000095668A	September 16, 1999	1999JP-0262649	
EP 1008340A2	July 30, 1999	1999EP-0401957	
CN 1249927A	September 17, 1999	1999CN-0118895	
BR 9903796A	August 30, 1999	1999BR-0003796	

INT-CL (IPC): A61 K 7/00; A61 K 7/48

ABSTRACTED-PUB-NO: FR 2783419A  
BASIC-ABSTRACT:

NOVELTY - Use of a mixed silicate capable of forming, after application at a concentration of 3% in water with an acid pH and drying, a film permeable to water vapor producing a retraction of isolated stratum corneum of greater than 1.5% at 30 deg. C and 40% relative humidity, as tensioning agent to tighten and to smooth the skin to cause an immediate reduction of wrinkles and lines.

USE - The composition is applied to wrinkles in the skin to provide a smoothing effect by means of a tensioning effect on the skin.

ADVANTAGE - The mixed silicate provides a good tensioning effect on the skin to smooth

out the contour of wrinkles and lines.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: COSMETIC ANTI WRINKLE PREPARATION CONTAIN MIX SILICATE CAUSE RETRACT  
ISOLATE STRATUM CORNEUM TIGHTEN SMOOTH SKIN

DERWENT-CLASS: A96 D21

CPI-CODES: A06-A00E3; A12-V04C; D08-B09A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; P8004  
P0975 P0964 D01 D10 D11 D50 D82 F34 ; P0055 ; H0000 ; M9999 M2153\*R ; M9999 M2186 ;  
S9999 S1616 S1605 ; S9999 S1069 S1014 ; S9999 S1025 S1014 ; S9999 S1047 S1014 ; S9999  
S1365 Polymer Index [1.2] 018 ; P1445\*R F81 Si 4A ; S9999 S1025 S1014 ; S9999 S1036  
S1014 ; S9999 S1616 S1605 ; S9999 S1069 S1014 ; S9999 S1365 Polymer Index [1.3] 018 ;  
ND01 ; Q9999 Q9347 ; Q9999 Q9176 Q9165 ; B9999 B5389 B5276 ; Q9999 Q9110 ; Q9999 Q7523  
; B9999 B5209 B5185 B4740

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-079497

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L1: Entry 8 of 9

File: DWPI

Apr 23, 1976

DERWENT-ACC-NO: 1976-42423X  
DERWENT-WEEK: 197623  
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TITLE: Bornylidene benzene sulphonic acid dervs - as ultra-violet absorbing agents  
prepd. by sulphonation

PATENT-ASSIGNEE:

ASSIGNEE

CODE

L'OREAL SA

OREA

PRIORITY-DATA: 1974FR-0028478 (August 19, 1974), 1974FR-0005427 (February 18, 1974)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
FR 2282426 A	April 23, 1976		000	

INT-CL (IPC): A61K 7/44; C07C 143/24

ABSTRACTED-PUB-NO: FR 2282426A

BASIC-ABSTRACT:

Ultra-violet absorbing agents have the formula:- where R' is H or SO<sub>3</sub>M and R'' is SO<sub>3</sub>M; M is H, a metal or an organic ammonium group. Cosmetic compositions contain the above cpds. for protection against light. The cpds. may also be used to protect human skin against U.V. rays. They protect against light of 280-315 nm but allow light of 315-320 nm to pass. Also the cpds. have improved solubility, particularly in water, compared with 3-benzylidene camphor or 4-methyl-3-benzylidene camphor. Prepn. is by reacting the corresponding cpd. where R'' is H with conc. sulphuric acid, oleum or chlorsulphonic acid, followed by salt formation with a cpd. bearing the radical M.

TITLE-TERMS : BENZENE SULPHONIC ACID ULTRA VIOLET ABSORB AGENT PREPARATION SULPHONATED

DERWENT-CLASS: D21 E14

CPI-CODES: D09-E; E10-A09B2;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

K0 J5 H7 M123 M132 M282 M283 M210 M231 M240  
M311 M332 M321 M322 M342 M341 M340 M343 M370 M391  
M531 G621 G622 G623 K431 K432 K499 J561 H720 M630  
Q250 M510 M520 M541 M710 M414 M902